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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Kim et al.)
Serial No.: 10/620,477) Examiner: Tuan Thieu Lam
Filed: July 15, 2003) Art Unit: 2816
For: Adaptive Noise Filtering and) Confirmation No. 8614
Equalization for Optimal High)
Speed Multilevel Signal Decoding)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

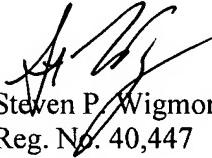
July 20, 2004

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

Pursuant to 37 CFR § 1.97(e), the undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior than the filing of this Information Disclosure Statement.

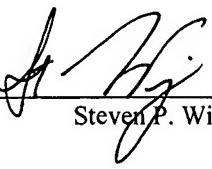
Respectfully submitted,



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K&S Docket: 07982.105018 US
3531527

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 20, 2004.



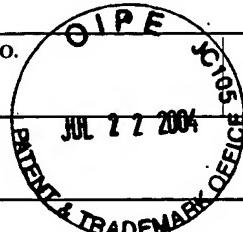
Steven P. Wigmore, Reg. No. 40,447

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 07982.105018	SERIAL NO. 10/620,477	FILING DATE July 15, 2003
APPLICANT Kim et al.	GROUP 2816	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,580,263	04/01/86	Watanabe et al.			10/21/83
AB	5,621,764	04/15/97	Ushirokawa et al.			6/21/95
AC	5,751,726	05/12/98	Kim, You Taeg			8/9/95
AD	5,790,595	8/04/98	Benthin et al.			9/5/95
AE	5,968,198	10/19/99	Hassan et al.			8/16/96
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
AL	WO 2004/045078 A2	5/27/04	PCT	Kim et al.	
AM					
AN					
AO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	International Search Report for PCT Application No. PCT/US03/35887 dated June 4, 2004.
AQ	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.